

Power Cost Memorandum Fuel Cost Update

Date: **April 15, 2021**

Utility Name (Cert. No.) STEVENS VILLAGE ENERGY SYSTEMS (709)	Utility File No. PC18-0314Z	Date Filed: March 19, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC18-0314Y	Staff Recommended Amount(s) and Effective Date PC18-0314Z
Class Rate	<u>Date Approved:</u> October 16, 2020	April 16, 2021
Residential	\$ 0.4701	\$ 0.4846
Community	\$ 0.4701	\$ 0.4846
<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent		<input type="checkbox"/> Interim <input checked="" type="checkbox"/> Permanent

Prior Fuel Purchase Price: \$ 2.8359	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	New Fuel Purchase Price: \$ 2.9637	<input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted
Delivery Charge: _____	Surcharge Change: Previous _____	Updated _____	

Weighted Average Fuel Price/Gal. Calculation					
	Gallons		Price		
On-hand before deliv.	-	X	2.8359	=	-
Delivered	5,135	X	2.9637	=	15,217.75
	<u>5,135</u>				<u>\$ 15,217.75</u>
					Weighted Average <u>\$ 2.9637</u>

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Signed: *Brenda Cox*
Brenda Cox

Utility Financial Analyst

Commission decision re. this recommendation :

	Date (if different from 4/15/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKI</i>		
Scott		<i>AGS</i> AGS		
Sullivan		<i>DS</i> DS		
Wilson		<i>JW</i>		

Special Instructions to Staff:

* If this column initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

STEVENS VILLAGE ENERGY SYSTEMS

APPENDIX 1

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING September 30, 2014
Fuel Cost Update

	PC18-0314Y	PC18-0314Z	
	Prior Commission Approval	Utility Request	Staff Recommended
A. Total kWh Generated	161,848	161,848	161,848
B. Total kWh Sold (Appendix 2)	142,419	142,419	142,419
C. Total Non-Fuel Costs (Appendix 2)	\$51,569	\$51,569	\$51,569
D. Non-Fuel Cost/kWh (C / B)	\$0.3621	\$0.3621	\$0.3621
E. Total Fuel Costs (Appendix 2)	\$48,290	\$50,465	\$50,465
F. Fuel Costs/kWh (E / B)	\$0.3391	\$0.3543	\$0.3543
G. Eligible Costs/kWh (D + F)	\$0.7012	\$0.7164	\$0.7164
H. Eligible Cost/kWh (G) Less 20.63 cents/kWh	\$0.4949	\$0.5101	\$0.5101
I. Lesser of (H) or 79.37 cents/kWh	\$0.4949	\$0.5101	\$0.5101
J. Average Class Rates (Appendix 3)			
Residential	\$0.8637	\$0.8637	\$0.8637
Community	\$0.8937	\$0.8937	\$0.8937
Class Power Cost Equalization Per kWh Payable			
K. Lesser of: (I) x 95% or (J)			
Residential	\$0.4701	\$0.4846	\$0.4846
Community	\$0.4701	\$0.4846	\$0.4846
L. Funding Level in Effect	100%	100%	100%
Residential	\$0.4701	\$0.4846	\$0.4846
Community	\$0.4701	\$0.4846	\$0.4846

PC18-0314Z
Appendix 1

STEVENS VILLAGE ENERGY SYSTEMS

APPENDIX 2

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY
FOR TEST PERIOD ENDING September 30, 2014

Fuel Cost Update

			PC18-0314Y	PC18-0314Z	
			Prior Commission Approval	Per Utility	Per Staff
Non-Fuel Costs:					
A.	Personnel Expense		34,630	34,630	34,630
B.	Operating Expense		11,487	11,487	11,487
C.	General & Administrative		1,933	1,933	1,933
D.	Depreciation Expense		3,519	3,519	3,519
E.	Interest Expense		-	-	-
F.	Total Non-Fuel Costs		\$51,569	51,569	\$51,569
Fuel Costs:					
G.	Gallons Consumed for Electric Generation		17,028	17,028	17,028
H.	Price of Fuel:(per gal)				
	Weighted Average		\$2.8359	\$2.9637	\$2.9637
I.	Total Cost of Fuel		\$48,290	\$50,465	\$50,465
J.	kWh Generated		161,848	161,848	161,848
K.	kWh Sales		142,419	142,419	142,419
L.	kWh Station Service		Not Reported	Not Reported	Not Reported
M.	Efficiency (J/G)	≥ <u>Standard</u> 10.5	9.50	9.50	9.50
N.	Line Loss	≤ 12%	12.00%	12.00%	12.00%
(KWh Generated -kWh sold)/kWh Generated					

On Hand		X	\$2.8359	=	Weighted
Delivered	5,135	X	\$2.9637	=	Avg
	5,135				\$2.9637

PC18-0314Z
Appendix 2

CALCULATION OF AVERAGE CLASS RATE PER kWh

 Rate Schedule: **Residential**

Customer Charge (CC): 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	1.0700	0.0000	1.0700	535.0000		
to						
to						
to						
Max 500			Total	535.0000	1.0700	0.8637

 Rate Schedule: **Community Facility**

Customer Charge (CC): 0

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to	1.1000	0.0000	1.1000	550.0000		
to						
to						
to						
Max 500			Total	550.0000	1.1000	0.8937

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to						
to						
to						
to						
Max 500			Total			

Stevens Village Energy Systems

	Date	Gallons	Cost per Gallon	Delivery/ Mark-Up per Gallon	Total Cost
Beginning Fuel Inventory		-			
Last Approved Fuel Cost/Gal.			2.8359		
Beginning Fuel Inventory in Gallons X Last Approved Fuel Cost/Gal. = Beginning Fuel Inventory					\$ -
Reporting Period Purchases	06/26/20	1,000.0	2.8026		\$ 2,803
	11/23/20	4,134.8	3.0026		\$ 12,415
Totals for Reporting Period Purchases on this sheet:		5,135			\$ 15,218
Grand Totals (beginning inventory plus purchases)		<u>5,135</u>			<u>\$ 15,218</u>

Total Cost for Reporting Period divided by Total Gallons for Reporting Period = 2.9637

Grand Total Cost divided by Grand Total Gallons = 2.9637

Staff included the Federal LUST Tax of \$0.001, Federal Oil Spill Tax of \$0.0021, and the AK State Fuel Surcharge of \$0.0095 in the cost per gallon listed above. The taxes show on the invoices from Everts Air Fuel and should be included in the cost of fuel.

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Schedule BKC-1
PC18-0314Z